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**TRANSMITTAL LETTER TO THE UNITED STATES  
PATENT AND TRADEMARK OFFICE (DO/EO/US)**

(SUBMISSION UNDER 35 USC 371)

10/577678

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|--|---|---|
| PCT/FI2004/000629<br>INTERNATIONAL APPLICATION NO.                                     | 22 October 2004 (22.10.2004)<br>INTERNATIONAL FILING DATE | 7 November 2003 (07.11.2003)<br>PRIORITY DATE CLAIMED |
| U.S. APPLICATION NO. (if known)  |   |   |
| A METHOD FOR THE REMOVAL OF COPPER FROM A ZINC SULPHATE SOLUTION<br>TITLE OF INVENTION |   |   |
| Leena LEHTINEN<br>Marko LAHTINEN<br>Markka JYRÄLÄ<br>Matti VUOKKO<br>APPLICANT(S)      |   |   |

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Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a FIRST submission of items concerning a submission under 35 USC 371.
2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 USC 371.
3. ☒ This is an express request to begin national examination procedures (35 USC 371(f)). The submission must include items (5), (6), (9) and the Fee Calculation Sheet.
4. ☒ The US has been elected (Article 31).
5. ☐ A copy of the International Application as filed (35 USC 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau)
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 USC 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 USC 154(d)(4).
  - c. ☒ is not required as the application was filed in the English language.
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 USC 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 USC 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 USC 371(c)(4)).
  - a. ☒ is submitted herewith.
  - b. ☐ will be submitted upon request.
10. ☒ A copy of the International Preliminary Report on Patentability.
11. ☒ A copy of the Annexes to the International Preliminary Report on Patentability
12. ☒ An English language translation of the Annexes of the International Preliminary Report on Patentability under PCT Article 36 (35 USC 371(c)(5)).
  - a. ☐ is submitted herewith.
  - b. ☒ is not required as the Annexes are in the English language.

Items 13-17 below concern documents(s) or information included:

13. ☒ Copy of WO Publication (front sheet only)
14. ☒ Preliminary Amendment
15. ☒ Abstract on a separate sheet
16. ☒ PCT/IB/308
17. ☒ Other items or information: International Search Report; Power of Attorney by Assignee (with enclosure)

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Respectfully Submitted,



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# AP2005 PCT/PTO 28 APR 2006 FEE CALCULATION SHEET

Entry into National Stage of PCT/FI2004/000629

| CLAIMS FEE   | (1) FOR  | (2) NUMBER FILED | (3) NUMBER EXTRA | (4) RATE   | (5) CALCULATIONS |
|--------------|--|------------------|------------------|------------|------------------|
| [x]          | TOTAL CLAIMS   | 25               | -20 =            | 5          | x \$ 50 = \$ 250 |
|              | INDEPENDENT CLAIMS   | 2                | - 3 =            | 0          | x \$ 200 = \$ 0  |
|              | MULTIPLE DEPENDENT CLAIM(S) (if applicable)  |                  |                  | + \$ 360 = | \$ 0             |
| FEES         | [x] BASIC NATIONAL FEE   |                  |                  |            | \$300.00 \$ 300  |
|              | [x] EXAMINATION FEE  |                  |                  |            | \$200.00 \$ 200  |
|              | [x] SEARCH FEE   |                  |                  |            | \$400.00 \$ 400  |
|              | [ ] ADDITIONAL PAGE FEE (per each 50 pages over 100 pages)   |                  |                  |            | \$250.00 \$      |
| OTHER FEES   | Surcharge for furnishing the oath or declaration later than 30 months from any claimed priority date [37 CFR 1.492(e) and 37 CFR 1.495(c)].      |                  |                  |            | \$130 +          |
|              | Total of above Calculations  |                  |                  |            | = 1,150          |
| SMALL ENTITY | Reduction by 1/2 for filing by small entity, if applicable. [37 CFR 1.27]  |                  |                  |            | -                |
|              | Subtotal   |                  |                  |            | 1,150            |
|              | Processing fee for furnishing the English Translation later than 30 months from any claimed priority date [37 CFR 1.492(f) and 37 CFR 1.495(c)]. |                  |                  |            | \$130 +          |
|              | Total National Fee   |                  |                  |            | \$ 1,150         |
|              | Fee for recording the enclosed assignment document \$40 [37 CFR 1.21(h)].  |                  |                  |            | +                |
| TOTAL        | TOTAL FEES ENCLOSED  |                  |                  |            | \$ 1,150         |

See attached Preliminary Amendment.

[x] A check in the amount of \$1,150 to cover the above fees is enclosed.

[x] Please charge any additional basic filing, examination, or search fee which may be required by this paper, or credit any overpayment to Deposit Account No. 19-2560. (Do not charge excess claim fees or the surcharge for belated filing of the Declaration to the Deposit Account.) This sheet is filed in duplicate.

*Penelope Stockwell*  
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